

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554**

In the Matter of

<b>MOBILE RELAY ASSOCIATES</b>	)	WT Docket No. 14-34
	)	
To Operate on Frequency Pairs 451/456.0000 MHz,	)	Public Notice, DA 14-258
451/456.00625 MHz and 451/456.0125 MHz at	)	
Multiple Locations in the Los Angeles, Las Vegas, and	)	
Miami Metropolitan Areas	)	

To: Chief, Wireless Telecommunications Bureau

**SUPPORTING COMMENTS FROM  
REBEL COMMUNICATIONS, LLC**

Rebel Communications, LLC (“Rebel”), pursuant to the Public Notice, DA 14-258, released February 26, 2014 (“*Request for Comments Notice*”), hereby submits its Comments in support of the pending applications by Mobile Relay Associates (“MRA”) to operate PMRS facilities using a very-narrowband 4 kHz emission designator on frequency pairs 451/456.0000 MHz, 451/456.00625 MHz and 451/456.0125 MHz in the Los Angeles, Las Vegas and Miami metropolitan areas.

**REBEL’S INTEREST**

Rebel operates a Private Mobile Radio Service (“PMRS”) network in metropolitan Las Vegas. Rebel holds a number of Commission authorizations.<sup>1</sup> Rebel cooperates with MRA and provides service to MRA’s Los Angeles-based subscribers when those subscribers’ vehicle units travel to the Las Vegas area. If MRA were licensed in the Las Vegas area as proposed, Rebel would be in position to sell as an agent for MRA with respect to this new capacity as well as to

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<sup>1</sup> Rebel’s facilities are not connected to the Public Switched Telephone Network. End user units typically do not have dial-pads. Rebel’s subscribers are commercial and governmental institutions, such as local governments, bus companies, and fleet operators.

perform maintenance and similar services to MRA for its Las Vegas facilities. Moreover, because there is a shortage of viable spectrum in the 450-470 MHz band in the Las Vegas area, and because that spectrum band is highly desirable, due to both its propagation characteristics and the availability of quality equipment at reasonable prices, Rebel and all PMRS industry participants in the Las Vegas area have an interest in this proceeding.

**I. There Is No Spectral Overlap, and So No Interference to Existing Licensees**

There have been great strides in the evolution of narrowbanding; strides reflected in the new Part 90 rules but not yet reflected in assessing where and how much of a buffer between separate radio services is appropriate. The Commission now permits separate Part 90 licensees to be licensed closer together than before, without any fear of harmful interference because with the new narrowbanding, there is no spectral overlap between adjacent licensees.

Channels can now be licensed as 4 kHz occupied-bandwidth channels for I/B usage. Rebel is using some of this 4 kHz digital equipment, and it provides excellent quality. This is true even where the spectral separation is 1 kHz or less. MRA's proposed spectral separation is much more than 1 kHz; there would be no chance of interference to incumbent users.

**II. There Is Significant Congestion in Las Vegas**

There is a shortage of 450-470 MHz spectrum in Las Vegas. Much of it is being warehoused by certain licensees that have been litigating division of spectrum licenses following a divorce proceeding; however, it is difficult to prove absence of construction or automatic cancellation of de-constructed licenses. Moreover, even if such were ever proven, there is no preference for the one proving non-construction to obtain the spectrum, which is first-come, first-serve under the rules. Therefore, anything which increases the pool of available 450-470

MHz spectrum in the Las Vegas area is consistent with the public interest. The grant of the MRA application for Las Vegas would do just that.

### **CONCLUSION**

In summary, thanks to the availability of very-narrowband 4 kHz equipment in this band for PMRS use, the Commission can now issue a license to MRA for the requested channels in the Las Vegas metro area without causing any interference or other problems for any incumbent Commission-regulated operations, whether in Part 90 or other rule parts. The Las Vegas area is highly congested, with virtually no PMRS 450-470 MHz spectrum left available.

Accordingly, the Commission should grant the limited rule waiver which MRA seeks herein, and issue MRA a license to use the requested channels in Las Vegas.

Respectfully submitted,  
**REBEL COMMUNICATIONS, LLC**

March 12, 2014

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